Veriton Series

User Guide

Downloaded from www.Manualslib.com manuals search engine

Copyright © 2009. Acer Incorporated.
All Rights Reserved.

Veriton Series User Guide
Original Issue: 02 / 2009

Changes may be made periodically to the information in this publication without obligation to notify any person of such revisions or changes. Such changes will be incorporated in new editions of this manual or supplementary documents and publications. This company makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims the implied warranties of merchantability or fitness for a particular purpose.

Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number, and purchase information.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronically, mechanically, by photocopy, recording, or otherwise, without the prior written permission of Acer Incorporated.

Veriton Series Desktop Computer

Model number: _____

Serial number: _____

Purchase date: _____

Place of purchase: _____

Acer and the Acer logo are registered trademarks of Acer Incorporated. Other companies' product names or trademarks are used herein for identification purposes only and belong to their respective companies.

Downloaded from www.Manualslib.com manuals search engine

Information for your safety and comfort

Safety instructions

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Warnings

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch

Downloaded from www.Manualslib.com manuals search engine

circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.

- This product's AC adapter is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the AC adapter plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.

Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.

Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, type SPT-2, rated 7 A 125 V minimum, VDE approved or its equivalent, 4.6 meters (15 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions

Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Downloaded from www.Manualslib.com manuals search engine

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Telephone line safety

- Disconnect all telephone lines from the equipment when not in use and/or before servicing.
- To avoid the remote risk of electric shock from lightning, do not connect the telephone line to this equipment during lightning or thunderstorms.

Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit http://global.acer.com/about/sustainability.htm.

Mercury advisory

For projectors or electronic products containing an LCD/CRT monitor or display: Lamp(s) inside this product contain mercury and must be recycled or disposed of according to local, state or federal laws. For more information, contact the Electronic Industries Alliance at www.eiae.org. For lamp-specific disposal information, check www.lamprecycle.org.

Downloaded from www.Manualslib.com manuals search engine

ENERGY STAR is a government program (public/private partnership) that gives people the power to protect the environment in a cost effective way and without sacrificing quality or product features. Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the US Environmental Protection Agency (EPA) and the US Department of Energy (DOE). In the average home, 75% of all electricity used to power home electronics is consumed while the products are turned off. ENERGY STAR qualified home electronic products in the off position use up to 50% less energy than conventional equipment. More information refers to http://www.energystar.gov and http://www.energystar.gov/powermangement.

Note: The statement above is applicable only to Acer system with an ENERGY STAR sticker.

As an ENERGY STAR partner, Acer Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

This product has been shipped enabled for power management:

- Activate display' Sleep mode within 15 minutes of user inactivity.
- Activate computer's Sleep mode within 30 minutes of user inactivity.
- Wake the computer from Sleep mode by pushing power button.
- More power management settings can be done through Acer ePower Management.

Tips and information for comfortable use

Computer users may complain of eyestrain and headaches after prolonged use. Users are also at risk of physical injury after long hours of working in front of a computer. Long work periods, bad posture, poor work habits, stress, inadequate working conditions, personal health and other factors greatly increase the risk of physical injury.

Incorrect computer usage may lead to carpal tunnel syndrome, tendonitis, tenosynovitis or other musculoskeletal disorders. The following symptoms may appear in the hands, wrists, arms, shoulders, neck or back:

- numbness, or a burning or tingling sensation
- aching, soreness or tenderness
- pain, swelling or throbbing
- stiffness or tightness

Downloaded from www.Manualslib.com manuals search engine

- coldness or weakness

If you have these symptoms, or any other recurring or persistent discomfort and/or pain related to computer use, consult a physician immediately and inform your company's health and safety department.

The following section provides tips for more comfortable computer use.

Finding your comfort zone

Find your comfort zone by adjusting the viewing angle of the monitor, using a footrest, or raising your sitting height to achieve maximum comfort. Observe the following tips:

- refrain from staying too long in one fixed posture
- avoid slouching forward and/or leaning backward
- stand up and walk around regularly to remove the strain on your leg muscles
- take short rests to relax your neck and shoulders
- avoid tensing your muscles or shrugging your shoulders
- install the external display, keyboard and mouse properly and within comfortable reach
- if you view your monitor more than your documents, place the display at the center of your desk to minimize neck strain

Taking care of your vision

Long viewing hours, wearing incorrect glasses or contact lenses, glare, excessive room lighting, poorly focused screens, very small typefaces and low-contrast displays could stress your eyes. The following sections provide suggestions on how to reduce eyestrain.

Downloaded from www.Manualslib.com manuals search engine

Eyes

- Rest your eyes frequently.
- Give your eyes regular breaks by looking away from the monitor and focusing on a distant point.
- Blink frequently to keep your eyes from drying out.

Display

- Keep your display clean.
- Keep your head at a higher level than the top edge of the display so your eyes point downward when looking at the middle of the display.
- Adjust the display brightness and/or contrast to a comfortable level for enhanced text readability and graphics clarity.
- Eliminate glare and reflections by:
  - placing your display in such a way that the side faces the window or any light source
  - minimizing room light by using drapes, shades or blinds
  - using a task light
  - changing the display's viewing angle
  - using a glare-reduction filter
  - using a display visor, such as a piece of cardboard extended from the display's top front edge
- Avoid adjusting your display to an awkward viewing angle.
- Avoid looking at bright light sources, such as open windows, for extended periods of time.

Developing good work habits

Develop the following work habits to make your computer use more relaxing and productive:

- Take short breaks regularly and often.
- Perform some stretching exercises.
- Breathe fresh air as often as possible.
- Exercise regularly and maintain a healthy body.

Warning! We do not recommend using the computer on a couch or bed. If this is unavoidable, work for only short periods, take breaks regularly, and do some stretching exercises.

Note: For more information, please refer to **"FCC notice" on page 20** in the **AcerSystem User Guide**.

Downloaded from www.Manualslib.com manuals search engine

Contents

Information for your safety and comfort iii
Safety instructions iii
Disposal instructions v
Tips and information for comfortable use vi

1 System tour 1
Front panel 2
Rear panel 2
Optical drive 3
Taking care of your CDs and DVDs 3

2 Setting up your computer 5
Arranging a comfortable work area 6
Positioning your monitor 6
Positioning your keyboard 6
Positioning your mouse 6
Connecting peripherals 7
Connecting your mouse and keyboard 7
USB interface 7
PS/2 interface 7
Connecting a monitor 7
Connecting the power cable 8
Turning on your computer 8
Turning off your computer 8

3 Upgrading your computer 9
Installation precautions 10
ESD precautions 10
Preinstallation instructions 10
Post-installation instructions 11
Opening your computer 11
To remove the computer cover 11
To replace the computer cover 11
Upgrading your computer 11
To remove a memory DIMM 12
To install a memory DIMM 12
To reconfigure your computer 13
Replacing the hard disk 13

Downloaded from www.Manualslib.com manuals search engine

Installing an expansion card 14

4 Frequently asked questions 15
Frequently asked questions 16

5 Regulations and safety notices 19
FCC notice 20
Modem notices 21
Laser compliance statement 23
LCD pixel statement 24
Macrovision copyright protection notice 24
Radio device regulatory notice 24
General 24
European Union (EU) 25
The FCC RF safety requirement 25
Canada — Low-power license-exempt radio communication devices (RSS-210) 26
Federal Communications Comission Declaration of Conformity 27

Remark: All images are for reference purposes only. Actual configuration may vary.

Downloaded from www.Manualslib.com manuals search engine

1 System tour

Downloaded from www.Manualslib.com manuals search engine

English

Front panel

Your computer's front panel consists of the following:

Icon	Component
	5.25" drive bay(s)
	3.5" floppy drive
	Microphone-in jack (front)
	Speaker-out/line-out port
	USB ports
	OBR (One Button Recovery) button (for selected models)
	Indicators
	Power button

Rear panel

Your computer's rear panel consists of the following:

Icon	Component
	Power supply
	Power cord socket
	Voltage selector switch
	PS/2 mouse port
	PS/2 keyboard port
	Serial port
	Parallel/printer port
	CRT/LCD monitor port
	USB ports
	Network port
	Audio jack
	Expansion slots
	Chassis lock pad
	DVI port (for selected models)

Downloaded from www.Manualslib.com manuals search engine

Audio jacks function table

Color/Use	Headphone	1.1 CH	3.1 CH	5.1 CH	7.1 CH
Blue	Line-in	Line-in	Line-in	Line-in	Line-in
Green	Headphone	Line-out	Front	Front	Front
Pink		Mic-in	Mic-in	Mic-in	Mic-in
Orange				Rear	Rear
Black			Center & woofer	Center & woofer	Center & woofer
Gray					Side

Note: See **"Connecting peripherals" on page 7**

Optical drive

Your computer may come with a CD-ROM, DVD-ROM, DVD/CD-RW combo, DVD-Dual or DVD-Super multi drive. This drive is located on the front panel of your computer. The CD drive allows you to play different types of compact disks (CDs). The DVD drive allows you to play not only old CD-ROMs, CD-I disks, and video CDs, but digital video disks (DVDs) as well. DVD-ROM is a type of disk media with enough storage space for a full-length movie. The CD-RW, DVD-Dual and DVD-super multi drive allow you to record or burn recordable and rewritable disks.

CDs and DVDs, like diskettes, are also compact, lightweight and easy to carry around. However, they are more delicate than diskettes and must be handled with extra care.

To insert a CD or DVD into your computer's CD or DVD drive:

1. Gently push the Eject button located on the front panel.
2. When the disk tray slides open, place the CD or DVD gently on the tray. Make sure that the label or title side of the disk is facing upward. When holding a disk, hold it by the edges to avoid leaving smudges or fingerprints.
3. Push the tray and it will close automatically.

Taking care of your CDs and DVDs

- Keep your disk in its case when not in use to avoid scratches or other damage. Any kind of dirt or damage can affect the data on the disk, impair

Downloaded from www.Manualslib.com manuals search engine

English

the disk lens reader on the CD or DVD drive, or stop the computer from successfully reading the disk.

- When handling disks, always hold them by the edges to avoid smudges or fingerprints.
- When cleaning disks, use a clean, dust-free cloth and wipe in a straight line from the center to the edge. Do not wipe in a circular motion.
- Clean your CD or DVD drive periodically. You may refer to the Cleaning Kit for instructions. Cleaning kits can be purchased in any computer or electronics shop.

Downloaded from www.Manualslib.com manuals search engine

2 Setting up your computer

Downloaded from www.Manualslib.com manuals search engine

English

Arranging a comfortable work area

Take note of the following when selecting a location for your computer:

- Do not put your computer near any equipment that might cause electromagnetic or radio frequency interference, such as radio transmitters, televisions, copy machines or heating and air-conditioning equipment.
- Avoid dusty areas and extremes of temperature and humidity.
- You may place your computer beside your desk or under your table, as long as it does not block the space you need for working and moving.
- To place your PC in a vertical position (for selected models) :
  - Rotate the plastic stabilizers on the side of your computer.
  - Ensure the plastic stabilizers are extended completely.

Positioning your monitor

Place your monitor at a comfortable viewing distance, usually 50 to 60 cm away. Adjust the display in such a way that the top of the screen is at or slightly below eye level.

Positioning your keyboard

The location of the keyboard is a very important factor for your posture. Placing it too far away will make your body lean forward, forcing you to sit in an unnatural position. Placing it too high will add tension to your shoulder muscles.

- The keyboard should be placed just above your lap. Adjust the keyboard height by flipping the folding stands located under the keyboard.
- Keep your lower arms parallel to the floor as you type. Your upper arms and shoulders should be relaxed. Then try typing with a light touch. If you feel any shoulder or neck strain, stop for a while and check your posture.
- Position your keyboard in front of your monitor. Putting your keyboard beside your monitor will make you turn your head while you type which could add tension to your neck muscles.

Positioning your mouse

- The mouse should be placed on the same surface as your keyboard so that you can reach it with ease.
- Adjust its position to allow enough space for movement without making you stretch or lean over.
- Use your arm to move the mouse. Do not rest your wrist on the table when

Downloaded from www.Manualslib.com manuals search engine

moving the mouse.

Connecting peripherals

Setting up your computer is easy. For the most part, you only have four things to connect: the mouse, the keyboard, the monitor, and the power cable.

Note: The peripherals shown in the connections below are for your reference only. Actual device models may vary in select countries.

Connecting your mouse and keyboard

USB interface

Plug your USB mouse or keyboard cable into any of the USB ports located on the front and rear panels of your computer.

PS/2 interface

Plug the PS/2 mouse and keyboard cable into the PS/2 keyboard port (purple port) and mouse port (green port) located on the rear panel of your computer.

Connecting a monitor

To connect a monitor, simply plug the monitor cable into the monitor port (blue port) located on the rear panel of your computer .

Note: When a VGA card is added to the PCI Express slot, the monitor should be connected to the add-on card and the onboard VGA will be disabled.

Note: Refer to the monitor manual for additional instructions and information.

Downloaded from www.Manualslib.com manuals search engine

English

Connecting the power cable

Caution: Before you proceed, check the voltage range in your area. Make sure that it matches your computer's voltage setting. If they don't match, change your computer's voltage setting according to your area's voltage range.

Set the voltage selector switch to the voltage range applicable to your area (a). Plug the power cable into the power cable socket located on the rear panel of your computer (b). Then plug the other end of the power cable into a power outlet (c).

Turning on your computer

After connecting the necessary peripherals and plugging in the power cable, you are now ready to turn the computer on and get to work.

To turn on your computer:

1 Turn on all peripherals connected to your computer, such as the monitor, printer, speakers, etc.

2 On the front panel of your computer, press the Power button.

Important: Make sure that the power cable is properly plugged into an electrical outlet. If you are using a power strip or an AVR (Auto-Voltage Regulator), make sure that it is plugged in and turned on.

Turning off your computer

To turn off your computer, follow the steps below.

For Windows XP:

1 On the Windows XP taskbar, click on the **Start** button, and click **Turn Off Computer**, then click **Turn Off**.

2 Turn off all peripherals connected to your computer.

For Windows Vista:

1 On the Windows Vista taskbar, click on the **Start** button, and click , then click **Shut Down**.

2 Turn off all peripherals connected to your computer.

If you cannot shut down your computer normally, press and hold the power button for at least four seconds. Quickly pressing the button may put the computer in suspend mode only.

Downloaded from www.Manualslib.com manuals search engine

3 Upgrading your computer

Downloaded from www.Manualslib.com manuals search engine

English

Installation precautions

Before you install any computer component, we recommend that you read the following sections. These sections contain important ESD precautions along with preinstallation and post-installation instructions.

ESD precautions

Electrostatic discharge (ESD) can damage your processor, disk drives, expansion boards, and other components. Always observe the following precautions before you install a computer component:

1 Do not remove a component from its protective packaging until you are ready to install it.

2 Wear a wrist grounding strap and attach it to a metal part of the computer before handling components. If a wrist strap is not available, maintain contact with the computer throughout any procedure requiring ESD protection.

Preinstallation instructions

Always observe the following before you install any component:

1 Turn off your computer and all the peripherals connected to it before opening it. Then unplug all cables from the power outlets.

2 Open your computer according to the instructions on page 10.

3 Follow the ESD precautions described above before handling a computer component.

4 Remove any expansion boards or peripherals that block access to the DIMM sockets or component connectors.

5 See the following sections for specific instructions on the component you wish to install.

Warning! Not turning off the computer properly before you start installing the components may cause serious damage. Do not attempt the procedures described in the following sections unless you are a qualified service technician.

Downloaded from www.Manualslib.com manuals search engine

Post-installation instructions

Observe the following after installing a computer component:

1 See to it that the components are installed according to the step-by-step instructions in their respective sections.

2 Replace any expansion boards or peripherals that you removed earlier.

3 Replace the side panels.

4 Connect the necessary cables and turn on your computer.

Opening your computer

Caution: Before you proceed, make sure that you have turned off your computer and all peripherals connected to it. Read the "Preinstallation instructions" on page 10.

You need to open your computer before you can install additional components. See the following section for instructions.

To remove the computer cover

1 Turn off your computer and unplug all cables.

2 Place your computer on a flat, steady surface. If your computer is in the vertical position, remove the foot stands and place your computer in the regular desktop position.

3 Turn the screws counterclockwise to release the cover.

4 Hold the sides of the cover with both hands.

5 Slide it back about an inch and then gently lift it upward to detach it.

To replace the computer cover

1 Align the cover's hinges to the housing frame; then gently push it in to slide it back into place.

2 Secure the cover with the screws.

Upgrading your computer

Downloaded from www.Manualslib.com manuals search engine

English

Certain components of your computer are upgradeable, such as the memory, the hard disk, the CPU and the expansion cards. You need to observe the **"Installation precautions" on page 10** when installing or removing a computer component. However, for safety purposes, we do not recommend that you perform these upgrades yourself. If you want to replace or upgrade any of these components, contact your dealer or a qualified service technician for assistance.

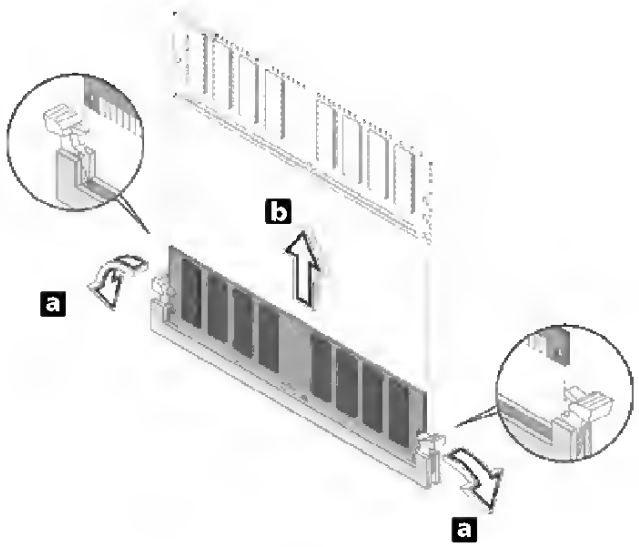
To remove a memory DIMM

Note: The memory DIMM has only one notch located toward the center of the module.

1 Remove the side panel.

2 Locate the memory DIMM socket on the mainboard.

3 Press the holding clips on both sides of the memory DIMM socket outward to release the memory DIMM (a). Gently pull the memory DIMM out of the socket (b).

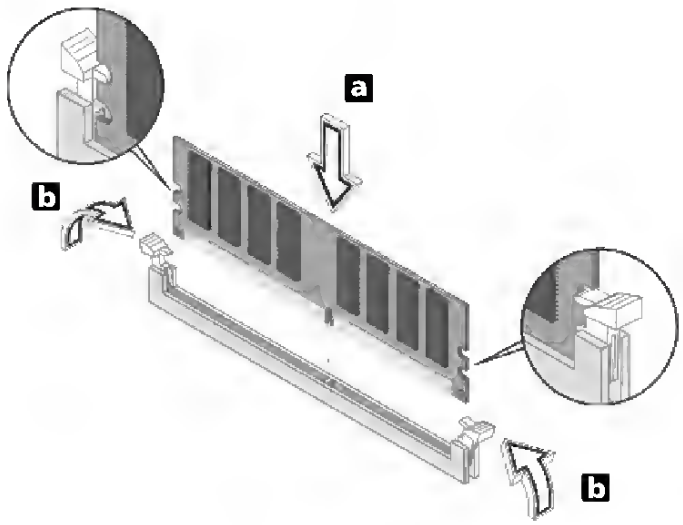


To install a memory DIMM

1 Locate the memory DIMM socket on the mainboard.

Downloaded from www.Manualslib.com manuals search engine

2 Align the memory DIMM with the socket (a). Press the memory DIMM into the socket until the clips lock onto the memory DIMM (b).



Note: The memory DIMM sockets are slotted to ensure proper installation. If you insert a memory DIMM but it does not fit easily into the socket, turn the memory DIMM around and try to insert it again.

To reconfigure your computer

Your computer automatically detects the amount of memory installed. Run the BIOS utility to view the new value for total system memory and make a note of it.

Replacing the hard disk

Follow these steps to replace your computer's hard disk:

1 Remove the computer cover.

2 Detach all cables connected to the hard disk and pull the hard disk out.

3 Remove the drive rails that hold the hard disk to the disk frame and detach the hard disk. Set the drive rails aside.

4 Insert the new hard disk into the frame and secure it with drive rails.

5 Reattach all cables to the new hard disk.

Downloaded from www.Manualslib.com manuals search engine

English

Note: Make sure that the other ends of the disk cables are securely connected to their corresponding connectors on the mainboard.

6 Reinstall the metal bracket frame to the housing.

7 Replace the computer cover.

Installing an expansion card

To install an expansion card:

1 Remove the computer cover.

2 Locate an empty PCI Express or PCI slot on the mainboard.

3 Remove the bracket lock that holds the bracket to the computer. Save the lock.

4 Pull out the bracket on the housing opposite the selected empty slot.

5 Remove the expansion card from its protective packaging.

6 Align the card in the empty bracket and then insert it into the slot. Make sure that the card is properly seated.

7 Secure the card to your computer with the bracket lock you removed earlier.

8 Replace the computer cover.

When you turn on the computer, BIOS automatically detects and assigns resources to the newly installed devices.

If you want to replace or upgrade any of these components, contact your dealer or a qualified service technician for assistance.

Downloaded from www.Manualslib.com manuals search engine

4 Frequently asked questions

Downloaded from www.Manualslib.com manuals search engine

English

Frequently asked questions

The following questions indicate possible situations that may arise during the use of your computer and each is followed by easy answers and solutions.

I pressed the power switch but the system did not boot up.

Check the LED located above the power switch.

If the LED is not lit, no power is being applied to the system. Try the following:

- Check if the voltage selector switch located on the rear panel of the computer is set to the correct voltage.
- Check if you properly plugged the power cable into an electrical outlet.
- If you are using a power strip, make sure it is plugged in and turned on.

If the LED is lit, check the following:

- Is a nonbootable (nonsystem) diskette in the floppy drive? If yes, remove or replace it with a system diskette and press **<Ctrl> + <Alt> + <Del>** to restart your computer.

Nothing appears on the screen.

Your computer's power management function automatically blanks the screen to save power. Just press any key to turn the display back on.

If pressing a key does not work, you can restart your computer. If restarting your computer does not work, contact your dealer or technical support center for assistance.

Downloaded from www.Manualslib.com manuals search engine

The printer does not work.

Do the following:

- Make sure the printer is connected to a power outlet and that it is turned on.
- Make sure the printer cable is connected securely to the system's parallel or USB port and the corresponding port on the printer.
- For additional information concerning the printer, refer to the printer's documentation.

No sound comes out from the computer.

Check the following:

- The volume may be muted. Look for the Volume icon on the taskbar. If it is crossed-out, click on the icon and deselect the Mute option. You can also press the volume control/mute knob on your USB keyboard to toggle from mute to sound on.
- If headphones, earphones or external speakers are connected to the line-out jack of your computer, the internal or built-in speakers are automatically turned off.

System cannot read diskette, hard disk, CD or DVD information.

Check the following:

- Make sure you are using the correct type of disk.
- Make sure the CD or DVD is inserted into the drive correctly.
- Check if the CD or DVD is clean and unscratched.
- Check your drive by using a good (undamaged) disk. If your drive can not read the information on the good disk there may be a problem with the drive. Contact your dealer or technical support center for assistance.

System cannot write data on the hard disk or CD-R/CD-RW.

Check the following:

- Make sure the diskette or hard disk is not write-protected.
- Make sure you are using the correct type of disk or diskette.

Downloaded from www.Manualslib.com manuals search engine

English

Downloaded from www.Manualslib.com manuals search engine

5 Regulations and safety notices

Downloaded from www.Manualslib.com manuals search engine

English

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations. In compliance with FCC regulations, use shielded cables to connect to other computing devices. A dual-link cable is recommended for DVI output.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this computer.

Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Downloaded from www.Manualslib.com manuals search engine

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

Declaration of Conformity for EU countries

Hereby, Acer, declares that this PC series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. (Please visit **http://global.acer.com/support/certificate.htm** for complete documents.)

Compliant with Russian regulatory certification

ME61

Modem notices

Notice for USA

This equipment complies with Part 68 of the FCC rules. Located on the modem is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. Upon request, you must provide this information to your telephone company.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But, if advance notice is not practical, you will be notified as soon as possible. You will also be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If this equipment should fail to operate properly, disconnect the equipment from the phone line to determine if it is causing the problem. If the problem is with the equipment, discontinue use and contact your dealer or vendor.

Downloaded from www.Manualslib.com manuals search engine

English

Caution: To reduce the risk of fire, use only No. 26 AWG or larger UL Listed or CSA Certified Telecommunication Line Cord.

TBR 21

This equipment has been approved [Council Decision 98/482/EC - "TBR 21"] for single terminal connection to the Public Switched Telephone Network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN termination point. In the event of problems, you should contact your equipment supplier in the first instance.

List of applicable countries

EU member states as of May 2004 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus and Malta. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use.

Notice for Australia

For safety reasons, only connect headsets with a telecommunications compliance label. This includes customer equipment previously labelled permitted or certified.

Notice for New Zealand

1 The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

2 This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances.

3 Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this

Downloaded from www.Manualslib.com manuals search engine

device. The associated equipment shall be set to operate within the following limits for compliance with Telecom's Specifications:

a There shall be no more than 10 call attempts to the same number within any 30 minute period for any single manual call initiation, and

b The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next call attempt.

4 Some parameters required for compliance with Telecom's Telepermit requirements are dependent on the equipment (PC) associated with this device. In order to operate within the limits for compliance with Telecom's specifications, the associated equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is not less than S seconds between the end of one call attempt and the beginning of another.

S This equipment shall not be set up to make automatic calls to Telecom's 111 Emergency Service.

6 This device is equipped with pulse dialing while the Telecom standard is DTMF tone dialing. There is no guarantee that Telecom lines will always continue to support pulse dialing.

7 Use of pulse dialing, when this equipment is connected to the same line as other equipment, may give rise to bell tinkle or noise and may also cause a false answer condition. Should such problems occur, the user should NOT contact the telecom Fault Service.

8 This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

9 Under power failure conditions this appliance may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use.

Laser compliance statement

The CD or DVD drive used with this computer is a laser product.
The CD or DVD drive's classification label (shown below) is located on the drive.

CLASS 1 LASER PRODUCT
CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.

APPAREIL A LASER DE CLASSE 1 PRODUIT
LASERATTENTION: RADIATION DU FAISCEAU LASER INVISIBLE EN CAS D'OUVERTURE. EVITTER TOUTE EXPOSITION AUX RAYONS.

LUOKAN 1 LASERLAITE LASER KLASSE 1
VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHLL AUSSETZEN

Downloaded from www.Manualslib.com manuals search engine

English

PRODUCTO LÁSER DE LA CLASE I
ADVERTENCIA: RADIACIÓN LÁSER INVISIBLE AL SER ABIERTO. EVITE EXPONERSE A LOS RAYOS.

ADVARSEL: LASERSTRÅLING VEDÅBNING SE IKKE IND I STRÅLEN.

VARO! LAVATTAESSA OLET ALTTINA LASERSÅTEILYLLE.
VARNING: LASERSTRÅLNING NÅR DENNA DEL ÅR ÖPPNAD ÅLÅ TUIJOTA SÅTEESEENSTIRRA EJ IN I STRÅLEN

VARNING: LASERSTRÅLNING NAR DENNA DEL ÅR ÖPPNADSTIRRA EJ IN I STRÅLEN

ADVARSEL: LASERSTRÅLING NAR DEKSEL ÅPNESSTIRR IKKE INN I STRÅLEN

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or red dots. This has no effect on the recorded image and does not constitute a malfunction.

Macrovision copyright protection notice

"U.S Patent Nos. 4,631,603; 4,819,098; 4,907,093; 5,315,448; and 6,516,132."

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Radio device regulatory notice

Note: Below regulatory information is for models with wireless LAN and/or Bluetooth only.

General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules). Below information is for products with such devices.

Downloaded from www.Manualslib.com manuals search engine

European Union (EU)

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

- **Article 3.1(a) Health and Safety**
  - EN60950-1:2001 + A11:2004
  - EN50371:2002
- **Article 3.1(b)** EMC
  - EN301 489-1 V1.6.1
  - EN301 489-3 V1.4.1 (Applicable to non-bluetooth wireless keyboard mouse set)
  - EN301 489-17 V1.2.1
- **Article 3.2 Spectrum Usages**
  - EN300 440-2 V1.1.2 (Applicable to non-bluetooth wireless keyboard mouse set).
  - EN300 328 V1.7.1
  - EN301 893 V1.4.1 (Applicable to 5GHz high performance RLAN)

CE ! (for EU nations only)

List of applicable countries

EU member states as of May 2004 are: Belgium, Denmark, Germany, Greece, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland, Sweden, United Kingdom Estonia, Latvia, Lithuania, Poland, Hungary, Czech Republic, Slovak Republic, Slovenia, Cyprus and Malta. Usage allowed in the countries of European Union, as well as Norway, Switzerland, Iceland and Liechtenstein. This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact local office in the country of use.

The FCC RF safety requirement

The radiated output power of the wireless LAN Card and Bluetooth card is far below the FCC radio frequency exposure limits. Nevertheless, the PC series shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

Downloaded from www.Manualslib.com manuals search engine

English

1 This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.

2 High power radar are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.

3 An improper installation or unauthorized use may cause harmful interference to radio communications. Also any tampering of the internal antenna will void the FCC certification and your warranty.

Canada — Low-power license-exempt radio communication devices (RSS-210)

a Common information
Operation is subject to the following two conditions:
1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

b Operation in 2.4 GHz band
To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.

c Operation in 5 GHz band

Downloaded from www.Manualslib.com manuals search engine

Federal Communications Comission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer /Importer is responsible for this declaration:

Product:	Personal Computer
Model number:	Veriton Series
Name of responsible party:	Acer America Corporation
Address of responsible party:	333 West San Carlos St. San Jose, CA 95110 U. S. A.
Contact person:	Acer Representative
Tel:	254-298-4000
Fax:	254-298-4147

Downloaded from www.Manualslib.com manuals search engine

English

Declaration of Conformity

We,

Acer Incorporated

8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan

Contact Person: Mr. Easy Lai

Tel: 886-2-8691-3089 Fax: 886-2-8691-3120

E-mail: easy_lai@acer.com.tw

Hereby declare that:

Product: Desktop Computer

Trade Name: Acer

Model Number: Veriton 5series

Is compliant with the essential requirements and other relevant provisions of the following EC directives, and that all the necessary steps have been taken and are in force to assure that production units of the same product will continue comply with the requirements.

EMC Directive 2004/108/EC as attested by conformity with the following harmonized standards:

- EN55022: 2006, A5/NZ5 CI5PR22: 2006, Class B
- EN55024: 1998 + A1: 2001 + A2:2003
- EN55013:2001 + A1:2003 + A2:2006 (Applicable to product built with TV tuner module)
- EN55020:2007 (Applicable to product built with TV tuner module)
- EN61000-3-2: 2006, Class D
- EN61000-3-3: 1995 + A1: 2001+A2: 2005

Low Voltage Directive 2006/95/EC as attested by conformity with the following harmonized standard:

- EN60950-1: 2001 + A11: 2004
- EN60065: 2002 + A1: 2006 (Applicable to product built with TV tuner module)

Council Decision 98/482/EC (CTR21) for pan- European single terminal connection to the Public 5witched Telephone Network (PST5).

RoH5 Directive 2002/95/EC on the Restriction of the Use of certain Hazardous 5ubstances in Electrical and Electronic Equipment.

The standards listed below are applied to the product if built with WLAN module or wireless keyboard and mouse.

R&TTE Directive 1999/5/EC as attested by conformity with the following harmonized standard:

- Article 3.1(a) Health and 5afety
  - EN60950-1:2001 + A11:2004
  - EN50371:2002
- Article 3.1(b) EMC
  - EN301 489-1 V1.6.1
  - EN301 489-3 V1.4.1 (Applicable to non-bluetooth wireless keyboard mouse set).
  - EN301 489-17 V1.2.1
- Article 3.2 5pectrum Usages
  - EN300 440-2 V1.1.2 (Applicable to non-bluetooth wireless keyboard mouse set).
  - EN300 328 V1.7.1
  - EN301 893 V1.4.1 (Applicable to 5GHz high performance RLAN).

Downloaded from www.Manualslib.com manuals search engine

Year to begin affixing CE marking 2008.

Easy Lai

Easy Lai, Manager
Regulation Center,Acer Inc.

Aug. 13, 2008
Date

Remark: All images are for reference purposes only.
Actual configuration may vary.

V09A1

Downloaded from www.Manualslib.com manuals search engine